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| International Application Number:    |  |  |  |  |  |
| Confirmation Number:                 | 4957   |  |  |  |  |
| Title of Invention:                  | Methods and Apparatus for Multi-Carrier Communication Systems with<br>Adaptive Transmission and Feedback |  |  |  |  |
| First Named Inventor/Applicant Name: | Xiaodong Li  |  |  |  |  |
| Customer Number:                     | 25096  |  |  |  |  |
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| Document<br>Number | Document Description | File Name | File Size(Bytes)/<br>Message Digest | Multi<br>Part /₊zip | Pages<br>(if appl.) |
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| 1                         | 1 2009 08 1  | 2009_08_11_IDS.pdf                           | 273047                                       | yes                                   | 3        |
|---------------------------|--|--|--|---------------------------------------|----------|
|                           |  | 2003_00_11_153.pui                           | adb6057c33a440e40151a4a7452c7fc2e55<br>29860 |                                       |          |
|                           | Multip   | oart Description/PDF files in                | n .zip description                           |                                       |          |
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| Warnings:                 |  |  |  |                                       |          |
| Information:              |  |  |  |                                       |          |
| 2 NPL Docu                | NPL Documents  | 8002ISRWO.PDF                                | 619900                                       | no                                    | 9        |
| 2 NPL Documents           | NI E Documents                                       | 800213NWO.FDF                                | 7adcbd4d527b4c69bc42086cf842fbd0f80b<br>739b |                                       |          |
| Warnings:                 |  |  |  |                                       |          |
| Information:              |  |  |  |                                       |          |
| 3 NPL Documents           | NPL Documents  | 8006ISRWO.PDF                                | 412270                                       | no                                    | 8        |
| 5 INTEROCUTIENTS          | 33331,000  | d557fd13b692219c44f60ba43dde039dd53<br>79aaf |  |                                       |          |
| Warnings:                 |  |  |  |                                       |          |
| Information:              |  |  |  |                                       |          |
| 4 Fee Worksheet (PTO-875) | fee-info.pdf   | 30534  | no   | 2                                     |          |
| Tee Worksheet (110 073)   | lee iiiopa.  | da5f99473924cca6e8fb471d07ad4004dc5c<br>5603 |  |                                       |          |
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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.